

§ 75.1729 Welding operations.

Welding operations shall be shielded and the area shall be well ventilated.

[38 FR 4976, Feb. 23, 1973]

§ 75.1730 Compressed air; general; compressed air systems.

(a) All pressure vessels shall be constructed, installed, and maintained in accordance with the standards and specifications of Section VIII "Unfired Pressure Vessels," of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (1971), which is hereby incorporated by reference and made a part hereof. This document may be purchased for \$25 from the American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017; and it is available for examination in every Coal Mine Health and Safety District and Subdistrict Office.

(b) Compressors and compressed-air receivers shall be equipped with automatic pressure-relief valves, pressure gages, and drain valves.

(c) Repairs involving the pressure system of compressors, receivers, or compressed-air-powered equipment shall not be attempted until the pressure has been relieved from that part of the system to be repaired.

(d) At no time shall compressed air be directed toward a person. When compressed air is used, all necessary precautions shall be taken to protect persons from injury.

(e) Safety chains, suitable locking devices, or automatic cut-off valves shall be used at connections to machines of high-pressure hose lines of three-fourths of an inch inside diameter or larger, and between high-pressure hose lines of three-fourths of an inch inside diameter or larger, where a connection failure would create a hazard. For purposes of this paragraph, high-pressure means pressure of 100 p.s.i. or more.

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Subpart S—Approved Books and Records

§ 75.1800 Scope.

(a) The provisions of this Subpart S set forth the requirements for record-

ing the results of certain tests and examinations conducted in underground coal mines. In addition, it specifies the approved books in which such results are to be recorded and the manner in which they shall be maintained.

(b) The approved books required to be maintained in accordance with the provisions of §§ 75.1801 through 75.1808 shall be secured by each operator from commercial sources. Facsimile copies of Mine Safety and Health Administration Forms 6-1331, 6-1489, 6-1490, 6-1491, 6-1492, 6-1493, and 6-1494, have been filed with the Office of the Federal Register, General Services Administration, Washington, DC 20408, and sample copies of each of these forms are available for the use of commercial printers or operators at each District or Subdistrict Coal Mine Health and Safety Office of the Mine Safety and Health Administration.

(c) When the District Manager has determined that record books kept in satisfaction of State requirements provide the information specified in any record book required by this Subpart S, and so advises the operators of mines located in that State, such approved State record books will be accepted in lieu of the record books specified in this subpart S.

§ 75.1806 Monthly examination of surface high voltage circuit breakers; recording requirements; approved books.

The results of monthly examinations of high voltage circuit breakers on the surface required to be conducted under the provisions of §§ 75.800, 75.800-3, and 75.800-4, shall be recorded in a book entitled "Monthly Examination of Surface High Voltage Circuit Breakers" (Mine Safety and Health Administration Form 6-1493, Budget Bureau No. 42-R1589, March 1970).

[35 FR 17890, Nov. 20, 1970, as amended at 60 FR 33723, June 29, 1995]

§ 75.1808 Maintenance of approved books and records; requirements.

All approved books and records maintained under the provisions of §§ 75.1801 through 75.1807 shall be stored in a fire-proof repository on the surface of the mine chosen by the mine operator to minimize their destruction by fire or

other hazard and such records shall be made available to interested persons.

Subpart T—Diesel-Powered Equipment

SOURCE: 61 FR 55527, Oct. 25, 1996, unless otherwise noted.

§ 75.1900 Definitions.

The following definitions apply in this subpart.

Diesel fuel tank. A closed metal vessel specifically designed for the storage or transport of diesel fuel.

Diesel fuel transportation unit. A self-propelled or portable wheeled vehicle used to transport a diesel fuel tank.

Noncombustible material. A material that will continue to serve its intended function for 1 hour when subjected to a fire test incorporating an ASTM E119-88 time/temperature heat input, or equivalent. The publication ASTM E119-88 "Standard Test Methods for Fire Tests of Building Construction and Materials" is incorporated by reference and may be inspected at any Coal Mine Health and Safety District and Subdistrict Office; at MSHA's Office of Standards, Regulations, and Variances, 4105 Wilson Boulevard, Arlington, VA 22203; or at the Office of the Federal Register, 800 North Capitol Street, NW., Washington, DC. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. In addition, copies of the document may be purchased from the American Society for Testing Materials (ASTM), 1916 Race Street, Philadelphia, PA 19103.

Permanent underground diesel fuel storage facility. A facility designed and constructed to remain at one location for the storage or dispensing of diesel fuel, which does not move as mining progresses.

Safety can. A metal container intended for storage, transport or dispensing of diesel fuel, with a nominal capacity of 5 gallons, listed or approved by a nationally recognized independent testing laboratory.

Temporary underground diesel fuel storage area. An area of the mine provided for the short-term storage of diesel fuel

in a fuel transportation unit, which moves as mining progresses.

§ 75.1901 Diesel fuel requirements.

(a) Diesel-powered equipment shall be used underground only with a diesel fuel having a sulfur content no greater than 0.05 percent and a flash point of 100° F (38° C) or greater. Upon request, the mine operator shall provide to an authorized representative of the Secretary evidence that the diesel fuel purchased for use in diesel-powered equipment underground meets these requirements.

(b) Flammable liquids shall not be added to diesel fuel used in diesel-powered equipment underground.

(c) Only diesel fuel additives that have been registered by the Environmental Protection Agency may be used in diesel-powered equipment underground.

§ 75.1902 Underground diesel fuel storage—general requirements.

(a) All diesel fuel must be stored in:

(1) Diesel fuel tanks in permanent underground diesel fuel storage facilities;

(2) Diesel fuel tanks on diesel fuel transportation units in permanent underground diesel fuel storage facilities or in temporary underground fuel storage areas; or

(3) Safety cans.

(b) The total capacity of stationary diesel fuel tanks in permanent underground diesel fuel storage facilities must not exceed 1000 gallons.

(c)(1) Only one temporary underground diesel fuel storage area is permitted for each working section or in each area of the mine where equipment is being installed or removed.

(2) The temporary underground diesel fuel storage area must be located—

(i) Within 500 feet of the loading point;

(ii) Within 500 feet of the projected loading point where equipment is being installed; or

(iii) Within 500 feet of the last loading point where equipment is being removed.

(3) No more than one diesel fuel transportation unit at a time shall be parked in the temporary underground diesel fuel storage area.